

Appl. No: 09/380,447
Amendment Dated August 22, 2005
Reply to Office Action of February 23, 2005

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A fusion protein comprising a heterologous polypeptide fused to at least a portion of a major coat protein of a virus selected from the group consisting of a filamentous phage, a lambda phage, a Baculovirus, a T4 phage and a T7 phage, wherein the major coat protein is a variant of a wild type major coat protein of the virus.

2. (Canceled)

3. (Original) The fusion protein of claim 1, wherein the phage is a filamentous phage, the major coat protein is gpVIII and the heterologous polypeptide is fused to the N-terminus or the C-terminus thereof.

4. (Original) The fusion protein of claim 1, wherein the major coat protein is a filamentous phage coat protein variant which contains at least one amino acid residue selected from the list below in the position indicated:

<u>Residue Number</u>	<u>Amino Acid Residue</u>
1	E, L, V, Q, D, I, N
2	R, H, F, W, E, K, Y, D
3	T, E, L, S, D, I, V, A
4	D, R, H, E, K
5	R, H, N, D, K, Q, E
6	Y, W, S, I, L, F, T, V
7	T, N, S
8	D, H, R, E, K
9	E, Q, T, D, N, S
11	W, I, V, Y, L, F
12	R, H, N, E, D, K, Q